

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Horse Bench 16-24C-12-16			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED			
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME			
6. NAME OF OPERATOR XTO ENERGY INC						7. OPERATOR PHONE 303 397-3727			
8. ADDRESS OF OPERATOR PO Box 6501, Englewood, CO, 80155						9. OPERATOR E-MAIL Kelly_Kardos@xtoenergy.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU88626			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2302 FSL 489 FEL	NESE	24	12.0 S	16.0 E	S
Top of Uppermost Producing Zone	690 FSL 570 FEL	SESE	24	12.0 S	16.0 E	S
At Total Depth	690 FSL 570 FEL	SESE	24	12.0 S	16.0 E	S


21. COUNTY CARBON		22. DISTANCE TO NEAREST LEASE LINE (Feet) 570		23. NUMBER OF ACRES IN DRILLING UNIT 160	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 10		26. PROPOSED DEPTH MD: 9710 TVD: 9255	
27. ELEVATION - GROUND LEVEL 6587		28. BOND NUMBER UTB000138		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE SEE ATTACHED	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Prod	7.875	5.5	0 - 9710	17.0	P-110 LT&C	12.0	Class G	173	1.87	12.0
							Class G	874	1.57	14.0
Surf	12.25	9.625	0 - 1000	36.0	J-55 LT&C	11.5	50/50 Poz	159	2.85	11.5
							Class G	150	1.15	15.8

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Malia Villers	TITLE Lead Permitting Analyst	PHONE 303 397-3670
SIGNATURE	DATE 09/25/2015	EMAIL malia_villers@xtoenergy.com
API NUMBER ASSIGNED 43007504140000	<div style="font-family: cursive; font-size: 2em; margin-bottom: 10px;">  </div> Permit Manager	

T12S, R16E, S.L.B.&M.

XTO ENERGY, INC.

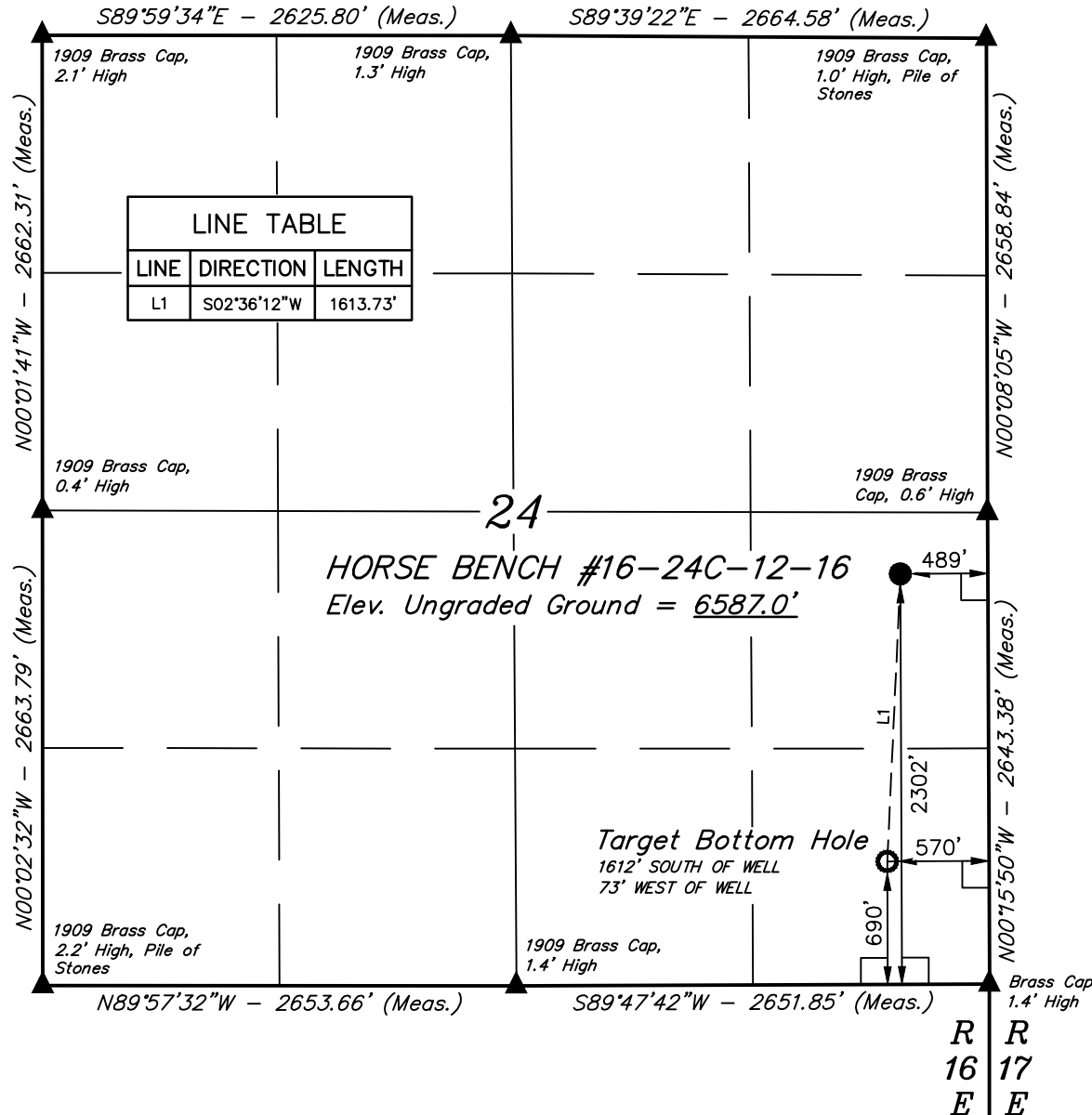
HORSE BENCH #16-24C-12-16
NE 1/4 SE 1/4, SECTION 24, T12S, R16E, S.L.B.&M.
CARBON COUNTY, UTAH

BASIS OF BEARINGS

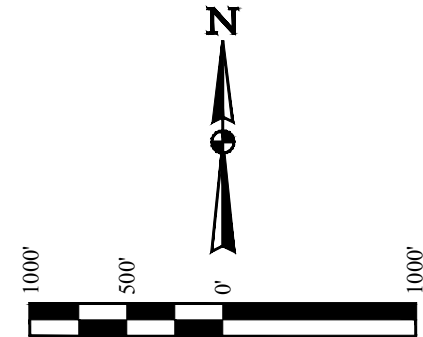
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

BASIS OF ELEVATION

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

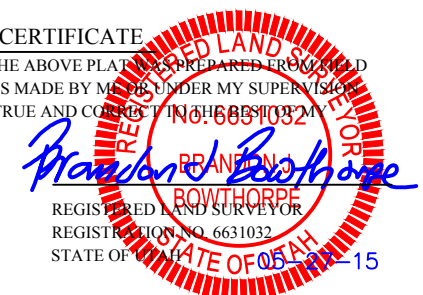


LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S02°36'12"W	1613.73'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°45'13.96" (39.753878)	LATITUDE = 39°45'29.89" (39.758303)
LONGITUDE = 110°03'56.09" (110.065581)	LONGITUDE = 110°03'55.12" (110.065311)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°45'14.09" (39.753914)	LATITUDE = 39°45'30.02" (39.758339)
LONGITUDE = 110°03'53.54" (110.064872)	LONGITUDE = 110°03'52.58" (110.064606)



UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: B.H., T.M.	SURVEY DATE: 05-28-14
DRAWN BY: S.S.	DATE DRAWN: 06-05-14
SCALE: 1" = 1000'	REVISED: 05-27-15 B.A.

WELL LOCATION PLAT